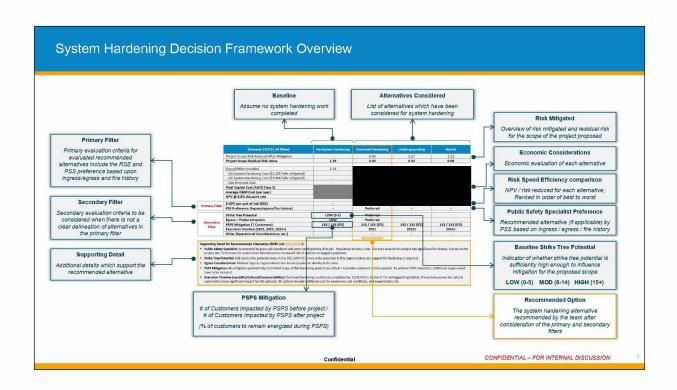
## Wildfire Risk Governance Committee System Hardening Project Approvals



## Proposed Scope: CWSP TOP 50 – PM# Bucks Creek 1101 CB Project Scope Risk Reduced After Mitigation 4.73 4 99 4.02 9.55 Project Scope Residual Risk Value 3.63 0.13 0.61 Overall Miles Installed 4.73 4.73 5.42 4.02 OH System Hardening Cost /risk-mile mitigated) /risk-mile mitigated) UG System Hardening Cost ( Line Removal Cost /risk Total Capital Cost (AACE Class 5) /risk-mile mitigated) Average O&M Cost (per year) NPV @ 6.8% discount rate Primary Filter \$ NPV per unit of risk (RSE) Satisfactory Non-satisfactory Non-satisfactory PSS Preference (Ingress/egress/fire history) Moderate Fall-In Risk Low Fall-In Tree Risk Strike Tree Potential Low Fall-In Tree Risk Low Fall-In Tree Risk Ingress / Egress Moderate Non-satisfactory Satisfactory Non-satisfactory Secondary PSPS Mitigation (5 customers) 45 / 45 (0%) 45 / 45 (0%) 45 / 45 (0%) 45 / 45 (0%) Filter Execution timeline (2021, 2022, 2022+) 2021 2022+ 2022+ Other (Operational Considerations, etc.) Supporting Detail for Recommended Alternative (EDRS Link 2021-03744): Public Safety Specialist: Evel types are consistent with moderate to heavy brush and mixed conifer, however the general area has been heavily fire scared and the fire scar areas are intermixed with a significant amount of standing and down dead fuel. Strike Tree Potential: 105 closal strike potential trees in the CPZ, Moderate (6-15) tree strike potential. Egress Considerations: This project crosses HW 70 near the Bucks Creek Powerhouse and then parallels the highway for a roughly 2-mile stretch, and then runs along Storrie Rd. paralleling the Feather River on the canyon opposite side of Highway 70. HW 70 is a main thoroughfare for ingress/egress for emergency responders and to the few residents who live in that direct area; it is also a major route for commerce both by which ear drain and the fire scar area area would make ingress and egress difficult if not impossible for responders and citizens and economically be a substantial hit to commerce. There are no alternative routes within the Feather River Canyon. • PSPS Mitigation: No mitigation potential due to limited scope of this hardening project; no critical / essential customers in this segment. Cannot achieve PSPS reduction due to required overhead conductor over the water crossing near the substation. Execution Timeline (Land/Bio/Cultural/Constructability): Work required during the dry season (May 15 – Oct 15) and/or biomonitoring, and potential Heli restrictions (Feb 2 – July 15) due to owl activity centers. CALTRANS ROW, easement restrictions, and 1 culturally sensitive areas in Hybrid 1. Butte work further down HWY 70 is undergrounding line consistent with the Hybrid 1 alternative.

ey Decision – Approval to Execute ECOP	projects	
Approval Status PENDING	Approvals	ı
Decision Detail		
Request that these scoped projects are approved as is as all OH hardened facilities as determined by the Field Scoping Team.  EDRS – 2021-03744	Action Items a	nd Validations
	Decision Framework	Establish clear decision criteria for the WFRG make a decision upon system hardening mitigation alternatives proposed - COMPLETE
Concerns and Mitigations		